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EUROPIUM ACTIVATED CESIUM BROMIDE PHOSPHOR
AND RADIATION IMAGE STORAGE SHEET

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ABSTRACT OF THE DISCLOSURE

15 An europium activated cesium bromide phosphor having
the formula of CsBr:xEu [$0 < x \leq 0.2$], in which a relation-
ship between an emission intensity (I_E) of Eu^{2+} and a
coloring intensity (I_F) at $\text{F}(\text{Br}^-)$ center satisfies the
condition of $0.2 \leq I_E \times I_F$, and/or in which a ratio of Eu^{2+} to
20 Eu^{3+} contained in the phosphor in terms of emission inten-
sity satisfies the condition of $5 \times 10^{-5} \leq \text{Eu}^{3+}/\text{Eu}^{2+} \leq 0.1$ gives
an increased stimulated emission amount and is favorably
employed for producing a radiation image storage sheet.